

AMENDMENTS TO THE CLAIMS

Claims 1-11 and 13-33 were pending at the time of the Action.

No claims are canceled in this Response.

Claim 6 is amended in this Response.

Accordingly, claims 1-11 and 13-33 remain pending.

1. (Previously amended) A method comprising:

receiving a request from a client device, the request comprising a hierarchical identifier;

comparing the hierarchical identifier with at least a portion of a configuration file to identify an appropriate user-mode process for handling the request; and

providing the request to the identified appropriate user-mode process.

2. (Previously amended) The method as recited in Claim 1, further comprising:

generating the configuration file via a user-mode administrative process.

1           3.     (Previously amended) The method as recited in Claim 2, wherein  
2     generating the configuration file comprises:

3                 defining one or more logical associations between at least one candidate  
4     hierarchical identifier and at least one candidate user-mode process; and  
5                 maintaining the one or more logical associations in a configuration store.  
6

7           4.     (Previously amended) The method as recited in Claim 3, further  
8     comprising:

9                 maintaining one or more logical rules suitable for use in identifying the  
10     appropriate user-mode process for handling the request.  
11

12  
13           5.     (Previously amended) The method as recited in Claim 1, wherein  
14     providing the request to the identified appropriate user-mode process further  
15     comprises:

16                 providing the request via a non-shared interface associated with the  
17     identified appropriate user-mode process.  
18  
19  
20  
21  
22  
23  
24  
25

1           6.     (Currently amended) The method as recited in Claim 1, wherein  
2 causing the kernel-mode process to provide the client device generated-request to  
3 the identified most applicable user-mode process further includes:

4                 selectively queuing the client device generated request prior to providing  
5 the client device generated request to the identified most applicable user-mode  
6 process.

7  
8           7.     (Previously amended) The method as recited in Claim 1, wherein  
9 the request comprises a uniform resource locator (URL).  
10

11  
12           8.     (Previously amended) The method as recited in Claim 1, wherein  
13 the appropriate user-mode process includes a user-mode web server process.  
14

15           9.     (Previously amended) The method as recited in Claim 1, wherein  
16 the appropriate user-mode process comprises at least one user-mode worker  
17 process.  
18  
19  
20  
21  
22  
23  
24  
25

10. (Previously amended) The method as recited in Claim 1, further comprising:

receiving the client request using a kernel-mode communication protocol process; and  
providing the request to a kernel-mode process.

11. (Previously amended) The method as recited in Claim 10, wherein the kernel-mode communication protocol process comprises a kernel-mode TCP/IP process.

12. (Canceled)

13. (Previously amended) A computer-readable medium having computer-executable instructions for performing steps comprising:

causing a kernel-mode process in a server device to compare a hierarchical identifier associated with a client device generated request with at least a portion of a configuration file to identify a most applicable user-mode process for handling the client device generated request within the server device; and

causing the kernel-mode process to provide the client device generated request to the identified most applicable user-mode process.

1 14. (Original) The computer-readable medium as recited in Claim 13,  
2 having further computer-executable instructions for performing steps comprising:  
3 causing a user-mode administrative process to generate the configuration  
4 file.

5  
6 15. (Original) The computer-readable medium as recited in Claim 14,  
7 wherein causing the user-mode administrative process to generate the  
8 configuration file, further includes:

9 providing a configuration store suitable for access by the user-mode  
10 administrative process, wherein the configuration store defines one or more logical  
11 associations between at least one candidate hierarchical identifier and at least one  
12 candidate user-mode process.  
13

14  
15 16. (Previously amended) The computer-readable medium as recited in  
16 Claim 15, wherein the configuration store further includes one or more logical  
17 rules suitable for use by the kernel-mode process in identifying the most  
18 applicable user-mode process for handling the client device generated request  
19 within the server device.  
20  
21  
22  
23  
24  
25

17. (Previously amended) The computer-readable medium as recited in Claim 13, wherein causing the kernel-mode process to provide the client device generated request to the identified most applicable user-mode process further includes:

providing a non-shared interface between the kernel-mode process and the identified most applicable user-mode process, such that the client device generated request can be provided to the identified most applicable user-mode process via the non-shared interface.

18. (Previously amended) The computer-readable medium as recited in Claim 13, wherein causing the kernel-mode process to provide the client device generated request to the identified most applicable user-mode process further includes:

selectively queuing the client device generated request prior to providing the request to the identified most applicable user-mode process.

19. (Original) The computer-readable medium as recited in Claim 13, wherein the hierarchical identifier includes a uniform resource locator (URL).

1           20.   (Original) The computer-readable medium as recited in Claim 13,  
2 wherein the most applicable user-mode process includes a user-mode web server  
3 process.

4  
5           21.   (Original) The computer-readable medium as recited in Claim 13,  
6 wherein the most applicable user-mode process includes at least one user-mode  
7 worker process.

8  
9  
10          22.   (Previously amended) The computer-readable medium as recited in  
11 Claim 13, having further computer-executable instructions for performing steps  
12 comprising:

13           receiving the client device generated request using a kernel-mode  
14 communication protocol process; and

15           providing the client device generated request to the kernel-mode process.  
16

17  
18          23.   (Original) The computer-readable medium as recited in Claim 22,  
19 wherein the kernel-mode communication protocol process includes a kernel-mode  
20 TCP/IP process.  
21  
22  
23  
24  
25

1           24. (Previously amended) The computer-readable medium as recited in  
2 Claim 13, having further computer-executable instructions for performing steps  
3 comprising:

4           causing the identified most applicable user-mode process to handle the  
5 client device generated request.

6  
7           25. (Currently amended) An apparatus comprising kernel-mode web  
8 server logic configured to receive a remotely generated request having a  
9 hierarchical identifier suitable for handling by a user-mode process, and  
10 selectively identify a most applicable user-mode process for handling the remotely  
11 generated request.

12  
13  
14           26. (Previously amended) The apparatus as recited in Claim 25, wherein  
15 the kernel mode web server logic includes a universal listener (UL) process  
16 operatively coupled to a kernel-mode TCP/IP process.

17  
18  
19           27. (Original) The apparatus as recited in Claim 26, wherein the  
20 universal listener (UL) process is further configured to operatively access a  
21 configuration file.



1           28. (Original) The apparatus as recited in Claim 27, wherein the  
2 configuration file specifies one or more logical associations between at least one  
3 hierarchical identifier and at least one user-mode process.

4  
5           29. (Original) The apparatus as recited in Claim 25, wherein the  
6 hierarchical identifier includes a uniform resource locator (URL).

7  
8           30. (Original) The apparatus as recited in Claim 27, further comprising  
9 user-mode administrative logic operatively coupled to the kernel-mode web server  
10 logic and configured to selectively alter the configuration file.

11  
12  
13           31. (Original) The apparatus as recited in Claim 30, further comprising  
14 a configuration store operatively accessible by the user-mode administrative logic.

15  
16  
17           32. (Original) The apparatus as recited in Claim 25, further comprising  
18 user-mode worker logic operatively coupled to the kernel-mode web server logic  
19 and configured to provide the user-mode process.

20  
21           33. (Original) The apparatus as recited in Claim 25, wherein the kernel-  
22 mode web server logic is operatively configured in a server device.  
23  
24  
25